Press Information

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The Hertz Corporation
Public Affairs Department
660 Madison Avenue
New York, New York 10021
212/980-2345

FOR RELEASE: A.M.s of Monday, August 6, 1984 Contact: Leigh Smith (212)980-2353

Fuel, Interest, Depreciation Drop...

1983 SPENDING TO OWN, RUN VEHICLES TOPS $674 BILLION, BUT PER-MILE COSTS PLUNGE AS CARS GROW OLDER

Although U.S. motorists traveled more in 1983, the nation's spending to own and run cars and trucks advanced just 1.4% to $674.6 billion — the smallest yearly rise since 1972 — and per-mile costs fell 3.5%, The Hertz Corporation's new annual estimate of motor vehicle outlays showed today.

For passenger cars, expenditures declined 2.5% to $341.8 billion from $350.7 billion in 1982 to mark the first peacetime drop in America's payments to own and run autos. Normally, both inflation and increases in the number of cars on the road tend to boost total outlays each year.

Average cost to drive individual cars — old, young, new, used, large and small — plunged a record $103 or 3.6% to $2744 per-unit last year, according to the lease-rental company's new yearly study. This equals 33c a mile for the estimated 8,317 miles the average auto travelled last year.

The 1983 per-mile figure is down 6.8% from 35.42c, or $2847, for the slightly-lower average of 8,037 miles run in '82, the firm's report pointed out.

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Reduced gasoline prices, improved fuel efficency, lower interest rates and smaller depreciation — a vehicle's value loss, which usually drops as the car ages — accounted for $185 in 1983's sharp decline, the Hertz report noted.

These savings more than offset an $82 rise in car maintenance, insurance, license and fee outlays. The cent-per-mile falloff was greater than the dollar-per-year drop because 1983 mileage averaged 3.5% above 1982.

'Reduced Standard Of Driving'

"By keeping cars longer, driving them less and selecting smaller, less-expensive models with fewer options, U.S. motorists are now bringing their driving expenses back in line with their incomes," Hertz Chairman Frank A. Olson commented. "But, these changes amount to a markedly-reduced standard of driving for most Americans."

Since 1972, average yearly per-unit passenger car ownership and operating costs have climbed 118% — versus a 126% advance in inflation and a 156% surge in typical family income.

Average new car purchase price increases, however, remain above both family income and inflation advances of the past decade, the study warned:

...total 1983 NEW car purchases of 8.9 million aggregated $81.9 billion last year, $9179 per auto, up from $8866, or $68.8 billion, for 7.8 million bought in 1982, a 19% advance;

...this latest $313, 3.5% sticker surge, brings the 11-year rise 170% over the $3404 average purchase price for a typical 1972 model;

...in addition, for COMPARABLY-EQUIPPED "intermediate" sized units, the increase — from $3425 in 1972 to $9770 in 1983 — is 185%. Too, even these similar intermediates today are 600 pounds lighter and a foot shorter than 11 years ago.

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In 1972, last full year before the first oil embargo, average ownership and operating expenses amounted to $1256, or 12.1c a mile for 10,362 miles travelled, the new Hertz study notes.

Car Age Up Again, Depreciation Down

The average age of cars on U.S. roads rose again in 1983 — for the 14th consecutive year — to 7.4 years from 7.2 in 1982 (and 5.5 in 1969). Vehicle age is higher than any time since immediately after World War II when Detroit was forced to curtail auto output.

Because of this further age increase last year, depreciation costs sagged sharply ... since depreciation is higher in a vehicle's early year, lower later ... to 5.28c a mile or $439 a year from 7.43c and $597, a fall of 26%.

For the estimated 124.5 million cars on the road total 1983 depreciation amounted to $54.7 billion, against $73.5 billion for 123.2 million units in '82.

The Hertz vehicle spending study calculates vehicle depreciation rather than purchase prices since depreciation continues even if a new car is not acquired in a particular year.

Interest, Fuel Also Down

Total 1983 passenger car fuel cost was down $1.1 billion to $80.1 billion, a $17 per unit, 2.6% drop from $660 to $643, or from 8.2c a mile to 7.3c, due mainly to a 3.3c a gallon decline in gasoline prices.

Despite the average 280-mile travel increase last year, estimated per-car fuel consumption climbed just one gallon to 535 because of improved fuel efficiency of new units.

Interest costs also fell — from $357 a year or 4.44c a mile in '82 to $347 or 4.17c in '83, a 2.8% decline, dropping the aggregate to $43.2 billion from $44.0 billion.

Repair, Insurance, Fees Up

On the other hand, the nation's older, higher-mileage car fleet contributed to a 10.4% rise in maintenance, repairs and miscellaneous outlays. These climbed from $701 per auto or 8.7c a mile in 1982 to $774 or 9.31c in '83. The 1983 total came to $96.4 billion vs. $86.4 billion in 1982.

The classification of insurance, licenses and fees came to $67.5 billion, $542 a unit, or 6.52c a mile. The annual outlay was up 1.9% from the 1982 total of $65.1 billion, $532 a car or 6.62c a mile.

Truck Costs Continue Advance

For trucks, 1983's total was $332.8 billion, 5.9% above $314.4 billion the year before. Per-unit truck expenses advanced 2.7% to $8726 in '83 from $8500 in '82. As a result of a mileage hike from 10,760 to 11,092, per-mile truck expenses edged down from 79c a mile to 78.67c.

This year's $674.6 billion in total outlays for all highway motor vehicles comes to 21.3% of the nation's gross national product against 21.5% in '82. Passenger car spending amounted to 12.7% of '83 personal income against 13.8% the year before and versus a high of 14.8% in 1980.

The aggregate increase in motor vehicle spending reflects the fact that the number of cars on the road rose from an estimated 123.2 million in 1982 to 124.5 million in 1983 while trucks climbed from 37 million units to 38.1 million. The nation's projected population inched up from a projected 231.5 million to 232.2 million.

Driving Less Saves

The Hertz estimates stress per-unit DOLLAR-per-year costs because annual mileage changes by motorists can alter PER-MILE expenses sharply, notes Hertz Executive V.P. Craig R. Koch.

For such fixed annual outlays as licenses, fees, insurance and interest charges, driving less each year raises PER-MILE outlays. But driving less usually lengthens car life — plus saves fuel, oil, tire, battery and repair charges, lowering the key yearly overall DOLLAR cost.

At equal annual 8,317 mileage, for example, a 1983 compact-sized model bought new and kept just ONE year would cost $4777, according to the lease-rental company's report, or 57.44c a mile. For 5,000 miles of yearly driving, PER-MILE expense would rise to 89.21c, but ANNUAL costs would total only $4465. For 20,000 miles of annual travel, per-mile costs drop to 31.19c, but dollar spending climbs to $6236.

Keeping the same compact 10 years, rather than one, reduces both annual dollars outlays AND per-mile expenses. At the typical 8,317 miles a year driving, per-mile costs shrink to 37.21c a mile from the 57.44c annual trading costs; and, yearly outlays fall from $4777 to $3094, a 35% saving.

Overall car mileage has dropped 20% since its 1972 high of 10,362 per year. However, in the prior 11 years, the country's population growth spurred a 29% rise in the number of cars on the road -- producing an aggregate passenger car mileage rise of 3.3%.

Per-unit truck mileage dropped 9.7% in the past decade, but a 76% surge in trucks in service to 1983's 38.1 million units brought overall commercial-vehicle mileage up 60% for a 15% rise in TOTAL vehicle miles.

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Changes Since 1950 Are Marked

In 1950, according to Hertz' data, motorists spent just $40.6 billion to run 49.2 million cars and trucks 458 billion miles, with passenger car costs then $724 or 8c a mile for 9,032 miles. By 1972, overall expenditures were $187 billion for 118.5 million units logging 1.268 trillion miles.

In the 33-year period, interest expenses shot up 680% from $51. Sticker prices are up 470% from $1612. Maintenance, repairs and miscellaneous expenses are ahead 280% from $200 a year. Fuel costs climbed 285% from $167.

Highway fuel consumption in 1950 totalled just 35.5 billion gallons, 25.2 billion for cars, 10.3 billion for trucks. Per car thirst was 626 gallons for 9032 annual miles of travel. But, per-person, passenger car fuel use was just 168 gallons, versus 287 last year.

Motor vehicle fuel use apparently peaked in 1978 at 116 billion gallons -- 772 per vehicle, 654 per car, the Hertz study noted.

Hertz and its worldwide system members have fleets totalling more than 350,000 lease-rental vehicles. The estimates in the company's annual studies are based on its experience and nationwide sample polls, plus projections using public and industry registration and mileage statistics.

The company regularly publishes NEW car ownership and operating expense estimates, with breakouts of 20-city cost variations, plus studies on USED car market size and used car ownership and operating costs, together with estimates of the size of the lease-rental and "fleet" vehicle business and a guides to calculating ownership and operating expenses and car leasing and renting. These are free to persons writing for them.

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VEHICLE OPERATING COSTS & FUEL USAGE KEY YEAR SUMMARIES Table IA 7/83

Years	1950			1972*		
Vehicles	Cars	Trucks	Total	Cars	Trucks	Total
Descriptions						
Overall Operating Costs (B$)	29.2	11.4	40.6	121.6	65.4	187.0
-Per Unit ($)	724	1294	825	1256	3029	1579
-Per Mile (¢)	0.0800	0.1211	0.0884	0.1210	0.2469	0.1473
-Per Capita ($)	194	76	269	586	315	901
Depreciation Cost-Total (B$)	6.5	3.2	9.7	33.0	19.6	52.6
-Per Unit ($)	163	363	197	341	907	444
-Per Mile (¢)	0.0178	0.0340	0.0211	0.0329	0.0740	0.0414
-Per Capita ($)	43	21	64	159	94	253
Fuel Cost Total (B$)	6.8	2.8	9.5	25.3	10.6	35.9
-Per Unit ($)	167	318	193	261	491	303
-Per Mile (¢)	0.0185	0.0298	0.0207	0.0252	0.0400	0.0283
-Per Capita ($)	45	19	63	122	51	173
Other Costs Total (B$)	15.9	5.4	21.4	63.3	35.2	98.5
-Per Unit ($)	395	614	435	654	1630	831
-Per Mile (c)	0.0437	0.0574	0.0466	0.0631	0.1328	0.0776
-Per Unit Analysis ($)						
(Lic., Fees, Ins.)	145	261	165	248	617	315
(Interest)	51	92	58	111	283	142
(Repairs, Misc.)	200	261	212	296	728	374
New Veh. Purch.Pr.-Tot.(B$)	10.2	2.0	12.2	35.4	11.4	46.8
-Per Unit ($)	1612	1846	1627	3404	4542	3628
New Vehs.Registered (Mils.)	6.3	1.1	7.5	10.4	2.5	12.9
Tot. Vehs. On Road (Mils.)	40.3	8.8	49.2	96.8	21.6	118.5
Miles Traveled Per Vehicle	9032	10682	9328	10362	12269	10718
Tot.Veh.Miles Trvld.(Bils.)	364	94	458	1003	265	1268
Veh.Miles Trvld. Per Capita	2415	624	3039	4834	1277	6111
Fuel Used Tot.(Bil.of Gals.)	25.2	10.3	35.5	70.0	29.5	99.5
Fuel Used Per Veh. (Gals.)	626	1170	722	722	1365	840
Fuel Used Per Capita (Gals.)	168	68	236	337	143	480
Fuel Avg. MPG Per Unit	14.4	9.1	12.9	14.3	9.0	12.9
Fuel Cost Per Gallon ($)			0.268			0.361
Personal Income Total (B$)			227.6			939.1
Gross National Product (B$)			286.2			1171.1
Consumer Price Index			72.1			125.3
Population Estimate (Mils.)			150.7			207.5

* Last Full Year Before First Arab Oil Embargo

(slight variations owing to rounding)

VEHICLE OPERATING COSTS & FUEL USAGE KEY YEAR SUMMARIES Table IC 7/84

Years	1980			1981		
Vehicles / Descriptions	Cars	Trucks	Total	Cars	Trucks	Total
Overall Operating Costs (B$)	317.0	284.8	601.8	340.4	302.1	642.5
-Per Unit ($)	2631	8067	3863	2790	8368	4064
-Per Mile (c)	0.3109	0.7377	0.4370	0.3453	0.7889	0.4693
-Per Capita ($)	1400	1257	2657	1486	1319	2804
Depreciation Cost-Total (B$)	75.4	66.0	141.4	73.7	65.3	139.0
-Per Unit ($)	626	1870	908	604	1810	879
-Per Mile (c)	0.0761	0.1710	0.1027	0.0747	0.1706	0.1015
-Per Capita ($)	333	291	624	322	285	607
Fuel Cost Total (B$)	85.5	47.4	132.9	89.3	51.5	140.8
-Per Unit ($)	710	1342	853	732	1427	891
-Per Mile (c)	0.0863	0.1227	0.0965	0.0906	0.1345	0.1028
-Per Capita ($)	377	209	587	390	225	615
Other Costs Total (B$)	156.2	171.4	327.6	177.4	185.3	362.7
-Per Unit ($)	1296	4855	2103	1454	5133	2294
-Per Mile (c)	0.1576	0.4440	0.2379	0.1799	0.4838	0.2649
-Per Unit Analysis ($)						
(Lic., Fees, Ins.)	484	1998	827	512	2033	857
(Interest)	291	1009	454	349	1159	534
(Repairs, Misc.)	521	1848	822	593	1951	903
New Veh. Purch.Pr.-Tot.(B$)	58.3	25.3	83.6	67.3	25.6	92.9
-Per Unit ($)	6649	10200	7435	7967	11725	8739
New Vehs.Registered (Mils.)	8.8	2.5	11.2	8.4	2.2	10.6
Tot. Vehs. On Road (Mils.)	120.5	35.3	155.8	122.0	36.1	158.1
Miles Travèled Per Vehicle	8224	10935	8838	8081	10609	8659
Tot.Veh.Miles Trvld.(Bils.)	991	386	1377	986	383	1369
Veh.Miles Trvld. Per Capita	4375	1704	6079	4304	1672	5976
Fuel Used Tot.(Bil.of Gals.)	68.3	40.1	108.4	66.6	39.1	105.7
Fuel Used Per Veh. (Gals.)	567	1136	696	546	1083	669
Fuel Used Per Capita (Gals.)	302	177	479	391	171	461
Fuel Avg. MPG Per Unit	14.5	9.6	12.7	14.8	9.8	13.0
Fuel Cost Per Gallon ($)			1.226			1.332
Personal Income Total (B$)			2143.0			2378.0
Gross National Product (B$)			2601.0			2844.0
Consumer Price Index			236.4			259.6
Population Estimate (Mils.)			226.5			229.1

(slight variations owing to rounding)

VEHICLE OPERATING COSTS & FUEL USAGE KEY YEAR SUMMARIES Table IB 6/84 (continued)

Years / Vehicles	1982 Cars	1982 Trucks	1982 Total	1983 Cars	1983 Trucks	1983 Total
Descriptions						
Overall Operating Costs (B$)	350.7	314.4	665.1	341.8	332.8	674.6
-Per Unit ($)	2847	8500	4152	2744	8726	4147
-Per Mile (¢)	0.3542	0.7900	0.4792	0.3300	0.7867	0.4624
-Per Capita ($)	1515	1358	2873	1472	1433	2905
Depreciation Cost-Total (B$)	73.5	62.5	136.0	54.7	58.0	112.7
-Per Unit ($)	597	1689	849	439	1520	693
-Per Mile (¢)	0.0743	0.1570	0.0980	0.0528	0.1370	0.0772
-Per Capita ($)	318	270	588	248	250	485
Fuel Cost Total (B$)	81.2	48.9	130.2	80.1	49.9	129.9
-Per Unit ($)	660	1323	813	643	1308	799
-Per Mile (¢)	0.0821	0.1229	0.0938	0.0773	0.1179	0.0891
-Per Capita ($)	351	211	562	345	215	560
Other Costs Total (B$)	195.9	203.0	398.9	204.8	218.2	422.9
-Per Unit ($)	1590	5489	2490	1662	5898	2640
-Per Mile (¢)	0.1979	0.5101	0.2874	0.2068	0.5482	0.3047
-Per Unit Analysis ($)						
(Lic., Fees, Ins.)	532	2102	895	542	2237	939
(Interest)	357	1150	540	347	1070	516
(Repairs, Misc.)	701	2237	1056	774	2591	1200
New Veh. Purch.Pr.-Tot.(B$)	68.8	31.9	100.7	81.9	42.5	124.4
-Per Unit ($)	8866	13133	9884	9179	14273	10453
New Vehs.Registered (Mils.)	7.8	2.4	10.2	8.9	3.0	11.9
Tot. Vehs. On Road (Mils.)	123.2	37.0	160.2	124.5	38.1	262.7
Miles Traveled Per Vehicle	8037	10760	8666	8317	11092	8967
Tot.Veh.Miles Trvld.(Bils.)	990	398	1388	1036	423	1459
Veh.Miles Trvld. Per Capita	4277	1719	5996	4460	1822	6282
Fuel Used Tot.(Bil.of Gals.)	65.8	40.4	106.1	66.6	41.6	108.2
Fuel Used Per Veh. (Gals.)	534	1091	663	535	1092	665
Fuel Used Per Capita (Gals.)	284	174	459	287	183	536
Fuel Avg. MPG Per Unit	15.1	9.9	13.1	15.6	10.2	13.5
Fuel Cost Per Gallon ($)	1.235	1.212	1.226	1.202	1.198	1.200
Personal Income Total (B$)			2548.0			2689.0
Gross National Product (B$)			3094.0			3171.8
Consumer Price Index			287.1			296.1
Population Estimate (Mils.)			231.5			232.2

* Slight variations owing to rounding.

Hertz Estimates 7/84

Table II

AVERAGE MOTOR VEHICLE OWNERSHIP & OPERATING EXPENSES BY YEARS
(figures are for both units bought new and those bought used)

YEAR	Passenger Cars					Trucks				
	$ Per Unit	Miles Per Year	¢ Per Mile	Units On Road (Mls.)	Total Spent Bils.$	$ Per Unit	Miles Per Year	¢ Per Mile	Units On Road (Mls.)	Total Spent Bils.$
1950	724	9032	8.0	40.3	29.2	1924	10682	12.10	8.80	11.40
1960	933	9545	9.8	61.6	57.4	1995	10738	18.60	12.20	24.30
1970	1220	10090	12.1	89.3	108.9	2664	11518	23.10	19.10	50.90
1971	1220	10280	11.9	92.8	113.2	2755	11485	24.00	20.20	55.70
1972	1256	10362	12.1	96.8	121.6	3029	12269	24.70	21.60	65.40
1973	1288	9597	13.4	101.8	131.1	3112	10970	28.40	23.70	73.80
1974	1493	8732	17.1	104.9	156.6	4127	10960	37.70	25.00	103.20
1975	1682	8901	18.9	107.4	180.6	4074	10227	39.80	26.40	107.60
1976	1812	9015	20.1	109.7	198.8	4594	10942	42.00	27.60	126.10
1977	1913	9199	20.8	114.1	218.4	5310	11379	46.70	29.70	157.70
1978	2092	9165	22.8	118.6	248.1	6176	11428	54.00	31.50	194.50
1979	2352	8850	26.6	119.1	280.1	6978	10943	63.80	33.90	236.60
1980	2631	8224	32.0	120.5	317.0	8087	10935	73.80	35.30	284.80
1981	2790	8081	34.5	122.0	340.4	8368	10609	78.90	36.10	302.10
1982	2847	8037	35.4	123.2	350.7	8500	10760	79.00	37.00	314.40
1983	2744	8317	33.0	124.5	341.8	8726	11092	78.67	38.10	332.80

	Total Both				
	$ Per Unit	Miles Per Year	¢ Per Mile	Units On Road (Mls.)	Total Spent Bils.$
1950	825	9328	8.8	49.2	40.6
1960	1107	9742	11.4	73.8	81.7
1970	1475	10341	14.3	108.4	159.8
1971	1495	10496	14.2	113.0	168.9
1972	1579	10718	14.7	118.5	187.0
1973	1632	9857	16.6	125.4	204.8
1974	2000	9160	21.8	129.9	259.8
1975	2157	9170	23.5	133.7	288.2
1976	2366	9403	25.2	137.3	324.9
1977	2615	9649	27.1	143.8	376.1
1978	2949	9640	30.7	150.1	442.6
1979	3377	9314	36.3	153.0	516.7
1980	3863	8838	43.7	155.8	601.8
1981	4064	8659	46.9	158.1	642.5
1982	4152	8666	47.9	160.2	665.1
1983	4147	8967	46.2	162.7	674.6

(slight variations owing to rounding)

Passenger Car Changes Since 1972

PERCENTAGES	
Miles A Year MINUS	Cents A Mile PLUS
0.07	0.11
0.16	0.41
0.14	0.56
0.13	0.66
0.11	0.72
0.12	0.88
0.15	1.20
0.21	1.64
0.22	1.85
0.22	1.93
0.13	1.46

Table III MILEAGE TRAVELLED & FUEL USED BY PURPOSE & VEHICLE TYPE

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Hertz Estimates

	<—NON-PLEASURE TRAVEL—>								<—PLEASURE—>	
	<..TRUCK.....>		<..... PASSENGER CAR .....>							
	Business Travel				Essential Family Use +Commutation		Pleasure Usage			
YEAR	Miles (Bls.)	Fuel Use (Bls. Gals.)	Mil (Bl	Fuel Use (Bls. Gals.)	Miles (Bls.)	Fuel Use (Bls. Gals.)	Miles (Bls.)	Fuel Use (Bls. Gals.)	Miles (Bls.)	Fuel Use (Bls. Gals.)
1950	94.0	10.30	62.3	14.33	207.0	14.38	102.0	7.06	95.0	6.49
1960	131.0	16.70	100.6	7.03	334.0	23.36	170.0	11.87	153.0	10.81
1970	220.0	26.50	159.8	11.66	508.0	37.08	268.0	19.53	233.0	17.06
1971	232.0	28.00	164.6	12.01	549.0	40.07	287.0	20.98	241.0	17.42
1972	265.0	29.50	167.0	11.68	573.0	40.07	303.0	21.20	263.0	18.25
1973	260.0	30.40	157.4	12.11	561.0	43.15	297.0	22.88	259.0	19.64
1974	274.0	29.90	143.9	11.51	529.0	42.32	281.0	22.46	244.0	19.47
1975	270.0	29.70	148.2	11.31	553.0	42.21	294.0	22.42	254.0	19.68
1976	302.0	33.10	154.7	10.67	572.0	43.01	303.0	22.82	262.0	20.72
1977	338.0	36.70	161.1	10.39	630.0	45.99	323.0	23.58	258.0	20.22
1978	360.0	38.30	171.1	10.06	652.0	46.57	334.0	23.89	264.0	20.97
1979	371.0	38.60	166.7	9.26	658.0	45.89	324.0	22.70	229.0	18.05
1980	386.0	40.10	152.5	8.03	637.0	44.44	315.0	21.94	201.0	15.83
1981	383.0	39.10	150.9	7.82	636.0	43.47	314.0	21.42	199.0	15.31
1982	398.0	40.40	151.7	7.40	639.0	43.32	316.0	21.41	198.0	15.10
1983	423.1	41.64	191.4	8.95	582.1	38.50	360.2	23.82	262.2	19.21

	SUB-TOTAL CARS		NON-PLEASURE SUB-TOTAL (CAR & TRUCK)		TOTALS CARS & TRUCKS	
	Miles (Mls.)	Fuel Use (Bls. Gals.)	Miles (Bls.)	Fuel Use (Bls.Gls.)	Miles (Bls.)	Fuel Use (Bls. Gals.)
1950	364.0	25.10	363.0	29.01	458.0	35.50
1960	588.0	41.10	566.0	47.09	719.0	57.90
1970	901.0	65.77	888.0	75.24	1121.0	92.30
1971	954.0	69.50	945.0	80.80	1186.0	97.50
1972	1003.0	70.14	1005.0	81.25	1268.0	99.50
1973	977.0	74.90	978.0	85.66	1237.0	105.30
1974	916.0	73.28	946.0	83.73	1190.0	103.20
1975	956.0	73.14	972.0	83.22	1226.0	102.90
1976	988.9	74.33	1029.0	86.78	1291.0	107.50
1977	1049.6	76.61	1129.0	93.08	1387.0	113.30
1978	1087.0	77.64	1183.0	94.93	1447.0	115.90
1979	1054.0	73.20	1196.0	93.75	1425.0	111.80
1980	991.0	68.32	1179.0	92.57	1377.0	108.40
1981	985.9	66.61	1170.0	90.38	1369.0	105.70
1982	990.0	65.80	1189.0	91.11	1388.0	106.10
1983	1035.7	66.60	1196.6	88.30	1458.8	108.20

+Essential family use includes commutation; some commutation by truck is included in truck mileage.

TABLE IV-A

HERTZ ESTIMATES OF 1983 NEW CAR OWNERSHIP & OPERATING COSTS

7/84

<-SUB-COMPACT->	——————'COMPACT'——————					INTER-MEDIATE	STAN-DARD
Years Use	<-At Constant Annual Mileages->						
	10000	5000	8317	10000	20000	10000	10000
1	0.3982	0.8929	0.5744	0.5047	0.3119	0.5783	0.6558
2	0.3874	0.8586	0.5582	0.4888	0.3053	0.5604	0.6329
3	0.3705	0.8079	0.5345	0.4658	0.2973	0.5338	0.6007
4	0.3567	0.7723	0.5114	0.4470	0.2893	0.5120	0.5742
5	0.3463	0.7391	0.4938	0.4328	0.2835	0.4956	0.5542
6	0.3219	0.6721	0.4521	0.4005	No Data	0.4586	0.5104
7	0.3041	0.6226	0.4248	0.3770	Over	0.4316	0.4786
8	0.2910	0.5879	0.4048	0.3597	100,000	0.4117	0.4552
9	0.2796	0.5553	0.3865	0.3447	Miles	0.3945	0.4347
10	0.2708	0.5316	0.3721	0.3329	—	0.3810	0.4187

HISTORICAL COMPARISONS OF NEW 'INTERMEDIATE' SIZE CAR

At Estimated Varying Mileage Averages Each Year @Constant 3-Yr.Use

Year	3-Year Average Annual Mileage	3-Year Use Cost Cents-Per-Mile	10-Year Average Annual Mileage	10-Year Use Cost Cents-Per-Mile	10000 Miles A Yr. Avg. 3-Yr. Use**	10000 Miles 10-Yr. Use	10000 MPY In CONST. (1983) $
1925E	5835	0.1690	Not Available		0.1150	N/A	0.6486
1950	12771	0.0930	9032	0.0800	0.1090	0.0770	0.4476
1960	13497	0.1220	9545	0.0980	0.1440	0.0950	0.4807
1970	14267	0.1470	10090	0.1210	0.1900	0.1220	0.4837
1971	14567	0.1430	10280	0.1190	0.1870	0.1210	0.4565
1972	14652	0.1510	10362	0.1210	0.1970	0.1240	0.4655
1973	13570	0.1620	9597	0.1340	0.2020	0.1310	0.4494
1974	12300	0.2070	8732	0.1710	0.2380	0.1590	0.4771
1975	12561	0.2320	8901	0.1890	0.2720	0.1770	0.5327
1976	11885	0.2480	9015	0.2010	0.2810	0.1790	0.4886
1977	12127	0.2620	9199	0.2080	0.3010	0.2000	0.4911
1978	12082	0.2910	9165	0.2310	0.3310	0.2200	0.5018
1979	11666	0.3400	8850	0.2870	0.3800	0.2640	0.5180
1980	10841	0.4150	8224	0.3450	0.4400	0.3100	0.5511
1981	10652	0.4860	8081	0.4080	0.5090	0.3590	0.5806
1982	10594	0.5168	8037	0.4370	0.5400	0.3831	0.5569
1983	10963	0.4986	8317	0.4247	0.5338	0.3810	0.5338

TABLE IV-B

The Hertz Corp.
7/84

HERTZ ESTIMATES OF 1983 MODEL NEW
PASSENGER CAR OWNERSHIP & OPERATING COSTS

Years Used	'COMPACT' MODEL: At CONSTANT 8317 M.P.Y. C.P.M.	At CONSTANT 8317 M.P.Y. $ P.Y.	At DECLINING Annual Miles AVERAGING 8317 Over 10-Yr.Period M.P.Y.	At DECLINING Annual Miles AVERAGING 8317 Over 10-Yr.Period C.P.M.	At DECLINING Annual Miles AVERAGING 8317 Over 10-Yr.Period $ P.Y.
1	0.5744	4777.33	12,651	0.4210	5326.45
2	0.5582	4642.53	11,695	0.4342	5078.26
3	0.5345	4445.73	10,963	0.4350	4768.69
4	0.5114	4253.45	10,266	0.4385	4501.23
5	0.4938	4107.13	9,838	0.4356	4285.03
6	0.4521	3760.51	9,550	0.4112	3927.41
7	0.4248	3532.68	9,317	0.3943	3674.15
8	0.4048	3366.75	9,059	0.3829	3468.54
9	0.3865	3214.29	8,749	0.3735	3267.42
10	0.3721	3094.43	8,317	0.3721	3094.43

NOTE: Above Costs Are AVERAGES For Varying Use/Mileage Periods; those below are for each INDIVIDUAL year.

CURRENT 1983 DATA 'COMPACT' CAR EXPENSES

YEARLY Costs & Mileages for Various Ownership Periods (Not AVERAGES for ALL Years As Listed Above.)

Year of Use	At CONSTANT 8317 YEARLY Mileages C.P.M.	At CONSTANT 8317 YEARLY Mileages $ P.Y.	At Listed DECLINING YEARLY Mileages AVERAGING 8317 M.P.Y. M.P.Y.	At Listed DECLINING YEARLY Mileages AVERAGING 8317 M.P.Y. C.P.M.	At Listed DECLINING YEARLY Mileages AVERAGING 8317 M.P.Y. $ P.Y.
1	0.5744	4777.28	12,651	0.4210	5326.58
2	0.5420	4507.81	10,739	0.4498	4830.40
3	0.4872	4052.04	9,499	0.4368	4149.16
4	0.4421	3676.95	8,175	0.4524	3698.37
5	0.4235	3522.25	8,126	0.4209	3420.23
6	0.2438	2027.68	8,110	0.2638	2139.42
7	0.2604	2165.75	7,919	0.2721	2154.76
8	0.2651	2204.84	7,253	0.2798	2029.39
9	0.2398	1994.42	6,269	0.2645	1658.15
10	0.2424	2016.04	4,429	0.3471	1537.31
Tot.	0.3721	3094.51	8,317	0.3721	3094.38

Slight variations owing to rounding.